

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| S121 | 1 | S119 and modulats\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 12:17 |
| S120 | 1 | S119 and modulats\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 12:17 |
| S119 | 1 | S117 and S118 and (channel adj state) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 12:10 |
| S118 | 2 | ("20040048574").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/17 12:10 |
| S117 | 117782 | (data adj rate) ((modulation adj order) ((encoding coding) adj rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 12:10 |
| S116 | 1 | S102 S115 S99 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/02/17 12:08 |
| S115 | 688 | (data adj rate) with ((modulation adj order) ((encoding coding) adj rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 12:07 |
| S114 | 0 | (data adj rate) with ((modulation adj order) ((encoding coding) adj rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/02/17 12:07 |

EAST Search History

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|----------|------|---|---|-----|----|------------------|
| S11 3 | 7 | S99 S102 S109 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/02/17 11:54 |
| S11 2 | 0 | S111 and S102 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:54 |
| S11 1 | 64 | S99 and S110 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:53 |
| S11 0 | 129 | S109 and S106 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:53 |
| S10 9 | 2394 | S107 S108 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:53 |
| S10 8 | 2129 | 455/69.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:53 |
| S10 7 | 288 | 375/358.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:53 |
| S10 6 | 6280 | ((cod\$4 encod\$4) near rate) same modulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:52 |

EAST Search History

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|----------|----------|-----------------------|---|-----|----|------------------|
| S10 5 | 1 | S99 S104 S102 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/02/17 11:44 |
| S10 4 | 3488 | modulation near order | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:44 |
| S10 3 | 30 | S102 and S97 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:44 |
| S10 2 | 6589 | S96 S101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:44 |
| S10 1 | 986 | impulse adj radio | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:44 |
| S10 0 | 0 | S98 and S99 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/02/17 11:41 |
| S99 | 26244711 | @ad<"20030305" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/02/17 11:41 |
| S98 | 30 | S96 and S97 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:40 |

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|-----|----------|-----------------------------|---|-----|-----|------------------|
| S97 | 2980 | adaptive\$3 near modulat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:40 |
| S96 | 6165 | uwb | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/17 11:39 |
| S95 | 2 | ("6539213").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/17 05:19 |
| S94 | 63 | S91 and S93 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/21 17:32 |
| S93 | 116 | (training initial) same S88 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/21 17:32 |
| S92 | 3 | S90 and S91 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/21 17:32 |
| S91 | 23875757 | @ad<"20030305" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/08/21 17:30 |
| S90 | 5 | S88 and S89 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/21 17:30 |

EAST Search History

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|-----|----------|--|---|-----|-----|------------------|
| S89 | 195 | lowest adj modulation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/21 17:30 |
| S88 | 2023 | lowest adj rate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/21 17:30 |
| S87 | 0 | lowest adj (rate same modulation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/21 17:30 |
| S15 | 23832265 | @ad<"20030305" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/08/21 17:30 |
| S86 | 2 | ("6603818").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/21 17:09 |
| S85 | 2 | ("20030067963").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/21 17:09 |
| S84 | 1 | S83 and (channel adj configuration) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:18 |
| S83 | 1 | S82 and (cod\$4 adj rate) and modulat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:17 |

EAST Search History

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|-----|-------|---|---|----|-----|------------------|
| S82 | 2 | ("20040048574").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 12:15 |
| S81 | 5 | S78 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:15 |
| S80 | 5097 | ((cod\$4 encod\$4) near rate) same modulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:08 |
| S70 | 982 | select\$4 with (((cod\$4 encod\$4) near rate) and modulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:07 |
| S79 | 1 | S76 and S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:04 |
| S78 | 1082 | S71 and (S72 S74) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:02 |
| S77 | 85542 | select\$4 with (modulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:02 |
| S76 | 3101 | select\$4 with (((cod\$4 encod\$4) near rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:01 |

EAST Search History

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|-----|----------|---|---|-----|----|------------------|
| S75 | 0 | S74 and S70 and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:00 |
| S74 | 853 | impulse adj radio | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 12:00 |
| S73 | 0 | S70 and S71 and S72 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:57 |
| S72 | 3980 | uwb | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:57 |
| S71 | 23832284 | @ad<"20030305" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/08 11:57 |
| S50 | 23832265 | @ad<"20030305" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/08 11:57 |
| S69 | 76 | S61 and S68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:56 |
| S68 | 179 | uwb and ((pulse adj generat\$4) same amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:22 |

EAST Search History

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|-----|----------|--|---|-----|----|------------------|
| S67 | 3 | S62 and (variable near amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:14 |
| S66 | 0 | S62 and ((variable near amplifier) same transmi\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:14 |
| S63 | 87 | S62 and (amplifier same transmi\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:14 |
| S65 | 1 | S62 and (amplifier same transmi\$6 same power same adjust\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:07 |
| S64 | 65 | S62 and (amplifier same transmi\$6 same power) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:06 |
| S62 | 161 | S60 S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/08 10:49 |
| S61 | 23832284 | @ad<"20030305" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/08 10:49 |
| S60 | 534 | uwb and encod\$4 and modulat\$4 and amplifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/08 10:47 |

EAST Search History

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|-----|----------|--|---|-----|-----|------------------|
| S59 | 14 | (timing near (control signal)) and S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/08 10:40 |
| S58 | 156 | S56 and S57 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/07 18:01 |
| S57 | 23832265 | @ad<"20030305" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/07 18:00 |
| S56 | 300 | (timing same transceiver) and uwb | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:59 |
| S55 | 1 | (timing same power) and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:59 |
| S54 | 2 | ("6539213").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 17:58 |
| S51 | 35 | S49 and (pulse adj position) and S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:58 |
| S53 | 0 | uwb and S52 and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:32 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S52 | 2166 | ("4" "8" "16") adj psk | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:32 |
| S49 | 390 | \$3psk and uwb | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:22 |
| S47 | 0 | \$3psk and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:22 |
| S48 | 1 | modulation and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:20 |
| S46 | 0 | \$2psk and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:19 |
| S45 | 0 | psk and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:19 |
| S44 | 2 | ("6539213").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 17:19 |
| S43 | 7 | (coding adj rate) with bits with total with redundant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:19 |

EAST Search History

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|-----|-------|---|---|----|----|------------------|
| S42 | 0 | uwb and S25 and S41 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 17:06 |
| S41 | 273 | (modulation with psk) same (snr ber strength) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:53 |
| S40 | 0 | uwb and S25 and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:53 |
| S39 | 124 | modulation with psk with (snr ber strength) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:53 |
| S38 | 5 | uwb and S25 and S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:52 |
| S36 | 0 | uwb and S25 and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:42 |
| S37 | 13512 | ((cod\$4 encod\$4) adj rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:41 |
| S35 | 46 | adaptive adj ((cod\$4 encod\$4) adj rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:41 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S34 | 2 | S32 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:40 |
| S33 | 122 | uwb and ((encod\$4 code coding) adj rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:37 |
| S27 | 11 | uwb and (((code coding) adj rate) same snr) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:37 |
| S32 | 98 | S25 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:36 |
| S31 | 365 | uwb and (rate with (snr ber strength)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:36 |
| S29 | 25 | uwb and ((encod\$4 with rate) same (snr ber strength)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:36 |
| S30 | 0 | S29 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:35 |
| S28 | 0 | S25 and S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:33 |

EAST Search History

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|-----|----------|---|---|-----|----|------------------|
| S26 | 0 | S24 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:33 |
| S24 | 4 | uwb and (((code coding) adj rate) with snr) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:33 |
| S25 | 23832265 | @ad<"20030305" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/07 16:32 |
| S23 | 0 | uwb and S22 and S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:32 |
| S22 | 773 | (modulat\$4 and (cod\$4 adj rate) and power) with (select\$4 chang\$4 control\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:49 |
| S20 | 2012 | (modulat\$4 (cod\$4 adj rate) power) with (select\$4 chang\$4 control\$4) with (snr (channel adj estimat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:44 |
| S21 | 7 | S15 and uwb and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:37 |
| S19 | 0 | 375/358.ccls. and uwb | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/07 15:35 |

EAST Search History

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|-----|-------|-----------------------------|---|-----|----|------------------|
| S18 | 2 | S12 S13 correlat\$4 uwb S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/07 15:30 |
| S17 | 0 | uwb S11 S12 S13 S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/07 15:14 |
| S16 | 0 | S14 S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/07 15:13 |
| S14 | 6 | S10 S11 S12 S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/03/07 15:13 |
| S13 | 13078 | psk | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:13 |
| S12 | 25553 | snr | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:13 |
| S11 | 13182 | channel near estimat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:13 |
| S10 | 372 | uwb and (S4 S5 S6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:13 |

EAST Search History

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|----|-------|---|---|----|----|------------------|
| S6 | 8738 | 455/69,266,67.11,517,522,114.3.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:12 |
| S5 | 3113 | 370/280,503.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:11 |
| S4 | 14959 | 375/316,130,142,143,145,149,150, 152,237,239,257,295,296,298,343, 353,354,358.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:11 |
| S3 | 2 | transceiver and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 15:11 |
| S2 | 16 | uwb and S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 12:42 |
| S1 | 21 | (choi near yun near hwa).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 12:42 |